sequence listing-1-02.txt

SEQUENCE LISTING

<210> 1
<211> 20
<212> RNA
<213> Homo sapiens
<400> 1
aaugcauguc acaggcggga   20

<210> 2
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<221> modified sugar
<222> 1-20
<223> at least one modified sugar residue
<400> 2
tcccgcctgt gacatgcatt   20

<210> 3
<211> 15
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 5
<223> modified sugar at position 5
<400> 3
tttttctctc tctct   15

<210> 4
<211> 15
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 5, 7, 9, 11 and 13
<223> modified sugar at positions 5, 7, 9, 11 and 13
<400> 4
tttttctctc tctct   15

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<210> 5
<211> 16
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 1, 7, 9 and 15
<223> modified sugar at positions 1, 7, 9, and 15
<400> 5
tccaggtgtc cgcatc                        16

<210> 6
<211> 15
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 1-5
<223> modified sugar at positions 1-5
<400> 6
tttttctctc tctct                         15

<210> 7
<211> 15
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 5-14
<221> 5-methyl cytosine
<222> 6, 8; 10, 12, 14
<223> Locations 5-14 = 2'-substituted sugar
      Locations 6, 8; 10, 12, 14 = 5-methyl cytosine
<400> 7
tttttctctc tctct                         15

<210> 8
<211> 15
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 1-14
<221> 5-methyl cytosine
<222> 6, 8, 10, 12, 14
<223> Locations 1-14 = 2'-substituted sugar
      Locations 6, 8, 10, 12, 14 = 5-methyl cytosine
<400> 8
tttttctctc tctct                         15

<210> 9
<211> 15
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 5-14
<221> 5-methyl cytosine
<222> 6, 8, 10, 12, 14
<223> Locations 5-14 = 2'-substituted sugar
      Locations 6, 8, 10, 12, 14 = 5-methyl cytosine
<400> 9
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tttttctctc tctct   15

<210> 10
<211> 15
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 11
<223> Location 11 = 2'-substituted sugar
<400> 10
agagagagag aaaaa   15

<210> 11
<211> 15
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 3, 5, 7, 9, 11
<223> Locations 3, 5, 7, 9, 11 = 2'-substituted sugar
<400> 11
agagagagag aaaaa   15

<210> 12
<211> 15
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 11-14
<223> Locations 11-14 = 2'-substituted sugar
<400> 12
agagagagag aaaaa   15

<210> 13
<211> 15
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 2-11
<223> Locations 2-11 = 2'-substituted sugar
<400> 13
agagagagag aaaaa   15

<210> 14
<211> 13
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar
<222> 4, 6, 12
<223> Locations 4, 6, 12 = 2'-substituted sugar
<400> 14
0aggtgtccgc atc   13

<210> 15
<211> 16
<212> DNA
<213> Artificial Sequence
<220>
<221> 2'-substituted sugar

```
<222> 13-15
<223> Locations 13-15 = 2'-substituted sugar
<400> 15
tccaggtgtc cgtttc                              16


<210> 16
<211> 21
<212> DNA
<213> Artificial Sequence
<220>
<221> none
<222> none
<223> Target DNA.
<400> 16
gctaaaaaga gagagagatc g                        21


<210> 17
<211> 21
<212> DNA
<213> Artificial Sequence
<220>
<221> none
<222> none
<223> Opposite strand of target DNA seq. ID 16
<400> 17
cgatctctct ctctttttag c                        21


<210> 18
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<221> phosphorothioate backbone
<222> 1-20
<221> 2'-substituted sugar
<222> 2, 4, 15, 17, 19
<223> Locations 1-20 = phosphorothioate backbone
      Locations 2, 4, 15, 17 and 19 = 2'-substituted sugar
<400> 18
tcccgcctgt gacatgcatt                          20


<210> 19
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<221> phosphorothioate backbone
<222> 6-15
<221> 2'-substituted sugar
<222> 1-5 and 15-19
<223> Locations 6-15 = phosphorothioate backbone
      Locations 1-5 and 15-19 = 2'-substituted sugar
<400> 19
tcccgcctgt gacatgcatt                          20


<210> 20
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<221> phosphorothioate backbone
<222> 1-20
<221> 2'-substituted sugar
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<222> 1-5 and 15-19
<223> Locations 1-20 = phosphorothioate backbone
       Locations 1-5 and 15-19 = 2'-substituted sugar
<400> 20
tcccgcctgt gacatgcatt   20

<210> 21
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<221> phosphorothioate backbone
<222> 6-15
<221> 2'-substituted sugar
<222> 1-5 and 15-19
<223> Locations 6-15 = phosphorothioate backbone
       Locations 1-5 and 15-19 = 2'-substituted sugar
<400> 21
tcccgcctgt gacatgcatt   20

<210> 22
<211> 20
<212> DNA
<213> Artificial Sequepce
<220>
<221> phosphorothioate backbone
<222> 1-20
<221> 2'-substituted sugar
<222> 1-5 and 15-19
<223> Locations 1-20 = phosphorothioate backbone
       Locations 1-5 and 15-19 = 2'-substituted sugar
<400> 22
tcccgcctgt gacatgcatt   20